



CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

In re Application of:

Stupp, et al. :

Serial No. 10/645,304 : Group Art Unit: 1646

Filed: August 21, 2003 : Examiner: not yet assigned

For: CHARGED PEPTIDE-AMPHIPHILE SOLUTIONS AND SELF ASSEMBLED PEPTIDE NANOFIBER NETWORKS FORMED THEREBY

I HEREBY CERTIFY THAT THIS PETITION TO REVIVE AND RESPONSE TO MISSING PARTS WITH THE DOCUMENTS CITED THEREIN IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE VIA REGULAR MAIL, POSTAGE PREPAID UNDER 37 C.F.R. § 1.10 ON DECEMBER 2, 2004 AND IS ADDRESSED TO THE MAIL STOP PETITION, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

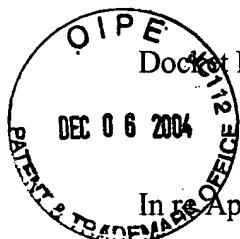
Kathleen Pujol

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

DOCUMENTS ENCLOSED:

1. Response to Missing Parts with copy of notice;
2. Declaration and Power of Attorney;
3. Replacement formal drawings (3 sets) (11 sheets each)
4. Petition to Accept Color Drawings;
5. Sequence Listing in paper and computer readable format;
6. Statement regarding Sequence Listing;
7. Fee Transmittal;
8. Check in the amount of \$1,554.00
9. Postcard; and
10. Certificate of Mailing.



Docket No. 126481.01001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :

Stupp, et al. :

Serial No. 10/645,304 : Group Art Unit: 1646

Filed: August 21, 2003 : Examiner: not yet assigned

For: CHARGED PEPTIDE-AMPHIPHILE SOLUTIONS AND SELF
ASSEMBLED PEPTIDE NANOFIBER NETWORKS FORMED
THEREBY

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NONPROVISIONAL APPLICATION**

Mail Stop MISSING PARTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application
mailed November 8, 2004, submitted herewith are the following:

- Copy of Notice to File Missing Parts.
- Declaration signed by all inventors; and
- Check in the amount of \$759.00;
- Replacement Formal Drawings;
- Petition to Accept Color Formal Drawings;
- Petition Fee in the amount of \$130.00;
- Sequence Listing in paper format;
- Sequence Listing in Computer Readable Format (2 computer discs);
- Statement Regarding Sequence Listing;
- Petition to Revive; and
- Petition Fee in the amount of \$665.00.

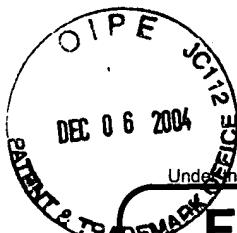
Please charge any shortage in fees due in connection with the filing of these papers, including extension of time fees, to Deposit Account No. 05-0426, and please credit any excess fees to such deposit account.

Respectfully submitted,

PEPPER HAMILTON LLP


Raymond A. Miller
Registration No. 42,891

One Mellon Center, 50th Floor
500 Grant Street
Pittsburgh, PA 15219
Phone: (412) 454-5000
Fax: (412) 281-0717
Date: December 2, 2004



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** 1554

Complete if Known

Application Number	10/645,304
Filing Date	August 21, 2003
First Named Inventor	Stupp
Examiner Name	not yet assigned
Art Unit	1646
Attorney Docket No.	126481.01001

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number
50-0436

Pepper Hamilton LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385			Utility filing fee	385.00
1002 340	2002 170			Design filing fee	
1003 530	2003 265			Plant filing fee	
1004 770	2004 385			Reissue filing fee	
1005 160	2005 80			Provisional filing fee	
SUBTOTAL (1)		(\$) 385.00			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims		Fee from below	Fee Paid
	Independent Claims	Multiple Dependent		
40	-20** = 20	x 9	= 180	
6	- 3** = 3	x 43	= 129	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$) 309.00

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	65.00
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	665.00
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	130.00
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)** 860.00

(Complete if applicable)

SUBMITTED BY

Name (Print/Type)	Raymond A. Miller	Registration No. (Attorney/Agent)	42,891	Telephone	412.454.5000
Signature	<i>Raymond A. Miller</i>			Date	December 2, 2004

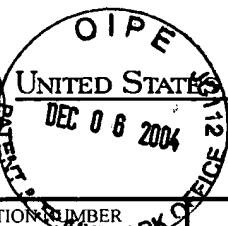
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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 Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/645,304	08/21/2003	Samuel I. Stupp	126481.1001

CONFIRMATION NO. 8011

21269

PEPPER HAMILTON LLP
 ONE MELLON CENTER, 50TH FLOOR
 500 GRANT STREET
 PITTSBURGH, PA 15219

FORMALITIES LETTER



OC000000011527734

Date Mailed: 12/18/2003

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

12/07/2004 MAHMED1 00000057 500436 10645304

03 FC:2051	65.00	OP	FILED UNDER 37 CFR 1.53(b)		
04 FC:2001	395.00	OP			
05 FC:2201	132.00	OP			
06 FC:2202	33.00	DA	147.00	OP	<i>Filing Date Granted</i>

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 385 to complete the basic filing fee for a small entity.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 3,4A,5,7,8A,9A,10A,11.
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a

substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- **For Rules Interpretation, call (703) 308-4216**
- **To Purchase PatentIn Software, call (703) 306-2600**
- **For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov**

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$309** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

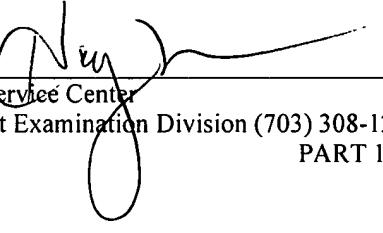
SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$759** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$309**
 - **\$129** for 3 independent claims over 3.
 - **\$180** for **20** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*


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Initial Patent Examination Division (703) 308-1202
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